

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

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(Use several sheets if necessary)

Docket Number
TUC920010037US1

Application Number
10/037,753

Applicant
M. Blaum et al.

Filing Date
January 2, 2002

Group Art Unit
2652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>HA</i>	5	2	9	1	4	9	9	01 Mar 1994	Behrens et al.	-	-	
<i>HA</i>	5	3	4	1	3	8	7	23 Aug 1994	Nguyen	-	-	
<i>HA</i>	5	5	2	1	9	4	5	28 May 1996	Knudson	-	-	
<i>HA</i>	5	6	6	1	7	6	0	26 Aug 1997	Patapoutian et al.	-	-	
<i>HA</i>	5	7	5	7	8	2	2	26 May 1998	Fisher et al.	-	-	
<i>HA</i>	5	8	3	8	7	3	8	17 Nov 1998	Zook	-	-	
<i>HA</i>	5	9	9	9	1	1	0	07 Dec 1999	Blaum et al.	-	-	
<i>HA</i>	6	0	1	8	3	0	4	25 Jan 2000	Bessios	-	-	
<i>HA</i>	6	0	2	1	0	1	1	01 Feb 2000	Behrens et al.	-	-	
<i>HA</i>	6	0	3	2	2	8	4	29 Feb 2000	Bliss	-	-	
<i>HA</i>	6	1	1	5	1	9	8	05 Sep 2000	Reed et al.	-	-	
<i>HA</i>	6	1	1	9	2	6	5	12 Sep 2000	Hara	-	-	
<i>HA</i>	6	1	8	5	1	7	5	06 Feb 2001	Zook	-	-	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
<i>HA</i>	10	0	2	7	4	3	3	27 Jan 1998	JP	-	-	Abs.	Full
<i>HA</i>	9	4	1	8	6	7	0	18 Aug 1994	PCT	-	-	Full	
<i>HA</i>	9	7	1	6	0	1	1	01 May 1997	PCT	-	-	Full	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>HA</i>	Fredrickson, L. "Synchronization Sequence Detection Using a Modified Trellis Code Viterbi Detector", <i>IBM Technical Disclosure Bulletin</i> . Vol. 38, No. 6, June 1995. Pp. 145-150.
<i>HA</i>	McLaughlin, S. W., P. Lee, and R. Cloke. "Codes for Improved Timing Recovery in *PR4* and *EPR4* Magnetic Recording", <i>GLOBECOM 97. IEEE Global Telecommunications Conference</i> . Vol. 3, 1997. p. 1235-9. (Abs.)

EXAMINER

DATE CONSIDERED

April 20, 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>HA</i>	5	6	3	5	9	3	3	06/03/97	Fitzpatrick et al.	—	—	
<i>HA</i>	5	7	5	7	2	9	4	05/26/98	Fisher et al.	—	—	
<i>HA</i>	5	8	4	4	5	0	7	12/01/98	Zook	—	—	
<i>HA</i>	6	0	4	6	6	9	1	04/04/00	Aziz et al.	—	—	
<i>HA</i>	6	0	7	2	4	1	0	06/06/00	Kim	—	—	
<i>HA</i>	6	0	9	7	3	2	0	08/01/00	Kuki et al.	—	—	
<i>HA</i>	6	0	9	7	3	2	1	08/01/00	Sayiner	—	—	
<i>HA</i>	6	1	3	0	6	2	9	10/10/00	Aziz et al.	—	—	
<i>HA</i>	6	1	5	0	9	6	4	11/21/00	McLaughlin	—	—	
<i>HA</i>	6	1	5	7	3	2	5	12/05/00	Kahlman et al.	—	—	
<i>HA</i>	6	1	8	4	8	0	6	02/06/01	Patapoutian et al.	—	—	
<i>HA</i>	6	4	2	9	9	8	6	08/06/02	Blaum et al.	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
<i>HA</i>	0	7	5	1	5	2	2	02 Jan 97	EP	—	—	Full	
<i>HA</i>	0	7	6	4	9	5	0	26 Mar 97	EP	—	—	Full	
<i>HA</i>	9	7	0	8	8	3	6	06 Mar 97	PCT	—	—	Full	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>HA</i>	McLaughlin, Steven W., Patrick Lee, Robert Cloke, & Bane V. Basic. "One-Pairs Codes for Partial Response Magnetic Recording". <i>IEEE Transactions on Magnetics</i> , Vol. 35, No. 3, May 1999. pp. 2080-2086
<i>HA</i>	U.S. Patent Application Serial No. 10/038,163, filed on January 2, 2002, entitled "Method, System, and Program for Synchronization and Resynchronization of a Data Stream", invented by M. Blaum, G.A. Jaquette, B.H. Marcus, and C.M. Melas.

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